What is claimed is:

1. A pneumatic tire, comprising:

a rubber-like thin-film disposed on an inner surface of the tire, the rubber-like thin-film being formed of a latex dry thin-film in which 20 to 50 wt% rubber component is liquid isoprene rubber and having a breaking elongation of not less than 900% and a tensile strength of not lower than 15 MPa.

2. The pneumatic tire according to claim 1, wherein a thickness of the rubber-like thin-film is not more than 2.0 mm.

3. The pneumatic tire according to one of claims 1 and 2, wherein a molecular weight range of the liquid isoprene rubber is 20,000 to 40,000.

4. The pneumatic tire according to any one of claims 1 to 3, wherein a mold release agent is interposed between the rubber-like thin-film and the inner surface of the tire.

5. A method of manufacturing a pneumatic tire including a rubber-like thin-film on an inner surface of the tire, the rubber-like thin-film having a breaking elongation of not less than 900% and a tensile strength of not lower than 15 MPa, the method comprising:

pouring latex in which 20 to 50 wt% rubber component is liquid isoprene rubber into the tire vulcanized; and

drying the latex while rotating the tire to form the

rubber-like thin-film composed of a dry thin-film of the latex on the inner surface of the tire.

6. The method of manufacturing a pneumatic tire according to claim 5, wherein a thickness of the rubber-like thin-film is not more than 2.0 mm.

7. The method of manufacturing a pneumatic tire according to one of claims 5 and 6, wherein a molecular weight range of the liquid isoprene rubber is 20,000 to 40,000.

8. The method of manufacturing a pneumatic tire according to any one of claims 5 to 7, wherein a mold release agent is interposed between the rubber-like thin-film and the inner surface of the tire.